

(2 Data Items)

Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

(2 Data Items)

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16. REMARKS

Paragraphs 10.1, 10.2, 10.2.1, 10.2.2, 10.2.4 and 10.5 apply.

Block 9: Statement B, US Government, Naval Aviation Supply Office

Block 14: When ASO 02 is referenced in distribution, forward to the ASO code cited on Block 10.A. on page 1.

Block 3: Separate reports shall be provided for the below listed subtitles and shall include certification that all vendors performing these processes are prime (OEM) approved sources. In the case where other than the OEM's specifications are to be utilized, separate certifications are required.

BLOCK #5: Contract Reference:

<1. CERTIFICATION OF APPROVED MATERIALS B50TF133 CL-A AS PER NOTE #34 OF G.E.  
PRINT 6045T92 REV. V.

2. CERTIFICATION OF APPROVED MATERIAL SOURCE

3. FLOW REQUIREMENTS USING MIL-C7024 AS SPECIFIED IN NOTE #3 OF G.E. PRINT 6045T92.

4. MICROSHRINK PER DWG. 102A161 CL-20.

5. FPI P3TF2 AS PER NOTE #4.

6. RADIOGRAPHIC INSP. AS PER NOTE #5.

7. PRESSURE TEST PER AMS 2615 CL-A.NOTE #6.

8. WELD AS PER P8G CL-B AS SPECIFIED IN NOTE #28.

9. SHOT PEEN AS PER P11TF3IN NOTE #35.

- CONTINUED -

ASO 02	00	01	00
ASO 0533	00	01	00
NADEP JAX	00	01	00
15. TOTAL	00	03	00

- CONTINUED -

16. REMARKS			Flag	Repro
CERTIFICATIONS MUST BE PROVIDED AT FIRST ARTICLE PRODUCTION LOT TEST OR COMPLETION OF CONTRACT IF TESTING IS WAIVED.>				
15. TOTAL →				

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
N000383 0733 10	1986 MAY 23	ROBERT W HUGHES	1986 MAY 23

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE	
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NO0383	0733 10	1906 MAY 23	ROBERT W HUGHES	1906 MAY 2
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17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

# TECHNICAL DATA PACKAGE

NIIN: 011388044 VERSION: 002  
ITEM NAME: SPRAYBAR,MAIN

PAGE 1  
APRIL 04, 1997

## 1. SCOPE

1.1 Articles to be furnished hereunder shall be manufactured, tested and inspected in accordance with <GENERAL ELECTRIC CO.> drawing number ( <99207> ) <6045T92G02> , Revision <V> and all details and specifications referenced therein.

1.2 Unless expressly provided for elsewhere in this clause, equipment such as fixtures, jigs, dies, patterns, mylars, special tooling, test equipment, or any other manufacturing aid required for the manufacture and/or testing of the subject item(s) will not be provided by the Government or any other source and is the sole responsibility of the contractor. The foregoing applies notwithstanding any reference to such equipment or the furnishing thereof that may be contained in any drawing or referenced specification.

1.3 The use of MIL-W-81381 wire in any item to be delivered under this procurement is prohibited. The foregoing prohibition applies notwithstanding any reference to MIL-W-81381 wire that may be made in any of the drawings or specifications for this procurement. MIL-W-22759 series wire shall be used in lieu of MIL-W-81381 wire, in any place where MIL-W-81381 wire is cited in this procurement. Any questions concerning this requirement should be directed to the Procuring Contracting Officer.

1.4 If MIL-STD-454 is referenced in the drawings or in the specification, the contractor is expected to show compliance with MIL-STD-2000A. Personnel performing tasks in accordance with MIL-STD-2000A shall be trained and certified as required by MIL-STD-2000A paragraph 5.1.4.

1.5 The contractor shall include on the detailed process/operation sheets developed, (1) all in house manufacturing processes and (2) the identity of all manufacturing sources performing processes/operations outside their facility. These sheets shall not be revised or altered after the successful completion of First Article or Production Lot Testing without approval from the Basic Design Engineering activity, via the PCO.

1.6 The Inspection Method Sheets which list the characteristics of each item produced under the contract shall have serial number traceability to the raw material, casting, or forging.

1.7 Markings shall be in accordance with MIL-STD-130, Revision <H> , paragraphs 5.3.3 (a), (b), (c) and (g). Method and location shall be in accordance with drawing.

## 2. APPLICABLE DOCUMENTS

### 2.1

DRAWING NO.	CAGE	REV	DOC TYPE	DISTR CD
PL 6045T92G02	99207	D		X
6045T92G02	99207	V		X

## 3. REQUIREMENTS - NOT APPLICABLE

## 4. QUALITY ASSURANCE

### FIRST ARTICLE INSPECTION/TEST CRITERIA

4.1 The tests to be performed under the First Article approval clause (FAR #52.209-4) of the contract are listed below.

#### 4.1.1 Workmanship

First Article(s) shall be inspected to determine that general workmanship is of acceptable aircraft quality.

#### 4.1.2 Dimensional test (special) <APPLIES>

#### 4.1.3 Requirements of: <N/A>

#### 4.1.4 Form <APPLIES>

#### 4.1.5 Fit <APPLIES>

#### 4.1.6 Function <N/A>

4.1.7 Compliance with drawing ( <99207> ) <6045T92G02> , Revision <V> and specifications referenced therein.

4.2 In addition to the above tests, the First Article(s) to be delivered hereunder shall also be subjected to those tests which will demonstrate that the article(s) comply with contract requirements.

# TECHNICAL DATA PACKAGE

NIIN: 011388044 VERSION: 002  
ITEM NAME: SPRAYBAR,MAIN

PAGE 2  
APRIL 04, 1997

4.3 . The contractor shall be responsible for providing the necessary parts and repair of the First Article Sample(s) during testing.

4.4 . The cost of the Government testing effort set forth in this solicitation is estimated to be  $\approx$  <2000.00> for the first article testing. This cost factor will be added, for solicitation purposes, to the price of all offerors for whom the Government will require such testing.

4.5 Review documentation as provided under DD 1423 requirements.

4.6 Unless otherwise provided for in the contract, sample(s) shall be returned to the contractor and may be considered as production items under the contract provided the sample(s) can be refurbished to ready for issue condition and provided the sample(s) have inspection approval of the cognizant DCMAO QAR. Sample(s) may be shipped as production items only after all other units required under the contract have been produced and are ready for shipment.

## 4.7 FIRST ARTICLE TEST NOTIFICATION OF SHIPMENT FOR GOVERNMENT TESTING

Fourteen (14) days prior to shipment of First Article Sample(s), the contractor shall notify the designated test facility in writing of the anticipated shipping date, with an information copy to the PCO, Naval Aviation Supply Office, ATTN: (Cite code found in Block 10.a of the SF33). The contractor shall also arrange for preliminary inspection of test sample(s) by the CAO/QAR.

Upon shipment of First Article Sample(s), two (2) copies of the Material Inspection and Receiving Report (DD Form 250) bearing the QAR's signature and indication of preliminary inspection shall be forwarded to the ASO code cited in Block 10.a of SF33, with duplicate copies to ASO Code 052 and to the designated test facility. The envelopes shall be clearly marked: "DO NOT OPEN IN MAILROOM". Within <90> days after receipt of sample(s), the test site shall complete testing/evaluation and submit two (2) copies of their test report with conclusions and recommendations to the ASO code cited in Block 10.a of the SF33.

4.8 . . . FAR 52.209-4 applies. :

(A) The contractors shall deliver <2> units(s) of the following CAGE ( <99207> ) Part number <6045T92G02> , Revision <V> within <150> calendar days from the date of this contract to the Government at:  
<NAVAL AVIATION DEPOT  
NAS JACKSONVILLE  
CODE 6.3.4.70  
JACKSONVILLE, FL 32212>

Marking of test sample(s) shipping container shall be as follows, citing this contract number:  
"FOR FIRST ARTICLE TESTING. NOT RFI MATERIAL. DO NOT TAKE UP IN STOCK. CONTRACT NUMBER: \_\_\_\_\_ "

For First Article Test, the shipping documentation shall contain this contract number and the lot/item identification. The characteristics that the First Article must meet and the testing requirements are specified elsewhere in this contract.

(B) Within <120> calendar days after the Government receives the First Article, the contracting officer shall notify the contractor, in writing, of the conditional approval, approval, or disapproval of the First Article. The notice of conditional approval or approval shall not relieve the contractor from complying with all requirements of the specifications and all other terms and conditions of this contract. A notice of conditional approval shall state any further action required of the contractor. A notice of disapproval shall cite reasons for disapproval.

(C) If the First Article is disapproved, the contractor, upon Government request, shall submit an additional First Article for testing. After each request, the contractor shall make any necessary changes, modifications, or repairs to the First Article or select another First Article for testing. All costs related to these tests are to be borne by the contractor, including any and all costs for additional tests following a disapproval. The contractor shall furnish any additional First Article to the Government under the terms and conditions and within the time specified by the Government. The Government shall act on this first article within the time limit specified in paragraph (B) above. The Government reserves the right to require an equitable adjustment of the contract price for any extension of the delivery schedule or for any additional costs to the Government related to these test.

(D) If the contractor fails to deliver any First Article on time, or the contracting officer disapproves any First Article, the contractor shall be deemed to have failed to make delivery within the meaning of the default clause of this contract.

(E) Unless otherwise provided in the contract, the contractor -

(1) May deliver the approved First Article as a part of the contract quantity, provided it meets all contract requirements for acceptance and was not consumed or destroyed in testing; and

(2) Shall remove and dispose of any First Article from the Government test facility at the contractor's expense

(F) If the Government does not act within the time specified in paragraph (B) or (C) above, the contracting officer shall, upon timely written request from the contractor, equitably adjust under the changes clause of this contract the delivery or performance dates and/or the contract price, and any other contractual term affected by the delay.

(G) The contractor is responsible for providing operating and maintenance instructions, spare parts support, and repair of the first article during any First Article test.

(H) Before First Article approval, the acquisition of materials or components for, or the commencement of production of, the balance of the contract quantity is at the sole risk of the contractor. Before First Article approval, the costs thereof shall not be allocable to this contract for (1) progress payments, or (2) termination settlements if the contract is terminated for the convenience of the Government.

(I) The contractor shall produce both the First Article and the production quantity at the same facility and shall submit a certification to this effect with each First Article.

(K) The contractor shall provide specific written notification to the procuring contracting officer informing him of the shipment of any article(s) furnished in accordance with this clause. Such notification must be addressed to the attention of the ASO code specified in Block 10.a of the SF33, with copies to ASO code 052.3 and to the testing activity. Failure to provide such notification shall excuse the Government from any delay in performing First Article Testing and informing the contractor of the results thereof.

#### CONTRACTOR PRODUCTION LOT SAMPLE TEST REQUIREMENTS

4.9 The tests to be performed under the production lot sample testing provisions of the contract are as follows:

##### 4.9.1 Workmanship

Production lot sample(s) shall be inspected to determine the general workmanship is of acceptable aircraft quality.

##### 4.9.2 Dimension Check

Production lot sample(s) shall be inspected to determine compliance with applicable drawings and/or specifications.  
<APPLIES>

##### 4.9.3 Form

<APPLIES>

##### 4.9.4 Fit

<N/A>

##### 4.9.5 Function

<N/A>

##### 4.9.6 Requirements of: <N/A>

4.10 In addition to the above tests, the production lot sample(s) to be delivered hereunder shall also be subjected to those tests which will demonstrate that sample(s) comply with contract requirements.

4.11 The contractor will be responsible for providing necessary parts and repair of the production lot sample(s) during testing.

4.12 Unless otherwise provided for in the contract, sample(s) shall be returned to the contractor and may be considered as production items under the contract provided the sample(s) can be refurbished to Ready For Issue condition and provided the sample(s) have inspection approval of the cognizant DCMAO QAR. Sample(s) may be shipped as production items only after all other units required under the contract have been produced and are ready for shipment.

#### 4.13 CONTRACTOR PRODUCTION LOT SAMPLE TESTING REQUIREMENTS

(A) As specified in this contract, the contractor shall test <2> selected at random by the cognizant Government Inspector (DPRO/DCMAO) as production lot samples. At least fourteen (14) calendar days before beginning the production lot sample tests, the contractor shall notify the contracting officer, in writing, of the time and location of the testing so the Government may witness the tests.

(B) The contractor shall submit the Production Lot Sample Test Report within <300> calendar days from the date of this contract. Forward copies of report in accordance with Distribution cited on DD1423. Mark reports as follows: "Production Lot Sample Test Report, Contract No. \_\_\_\_\_ Lot/Item No. \_\_\_\_\_"  
Within thirty (30) calendar days after the Government receives the test report, the contracting officer shall notify the contractor, in writing, of the approval, conditional approval, or disapproval of the production lot samples. A notice of disapproval shall cite the reasons for the disapproval. Unless expressly permitted elsewhere in this contract, the delivery of the production articles shall not be made until after notification by the Government of the approval/disapproval of the production lot samples; any production items delivered prior to the notification of the approval/disapproval of the production lot samples shall be at the contractor's risk.

(C) In the event the contractor does not receive written notification of approval or disapproval of the samples for a particular production lot within thirty (30) days from their submission for such testing, the contract delivery schedule shall be equitably adjusted as necessary.

(D) If the contractor fails to deliver the test report for any production lot samples within the time or times specified, or if the Contracting Officer disapproves any production lot samples, the contractor shall be deemed to

# TECHNICAL DATA PACKAGE

NIIN: 011388044 VERSION: 002  
ITEM NAME: SPRAYBAR,MAIN

PAGE 4  
APRIL 04, 1997

have failed to make delivery within the meaning of the default clause of this contract, and this contract shall be subject to termination for default.

(E) In order for a production lot to be acceptable, all samples representative of the lot must pass all of the contract requirements. In the event a sample fails to pass such requirements, the lot will be rejected. In such event, the Government may, at its option and at no additional cost to the Government, (i) terminate all or any portion of this contract for default, (ii) require the manufacture of a new production lot, or a rework of the rejected production lot if the means and procedures proposed by the contractor for the rework are acceptable to the Government, or (iii) require the submission of test reports for additional production lot samples. This foregoing procedures shall apply to new or reworked production lots in the same way as they did to the original production lot.

(F) For each additional sample or each resubmission of a modified sample which the contractor is required to submit for approval hereunder as a result of the failure of a previous sample to conform to the requirements of the specifications, the contractor shall be responsible for all the costs of reinspection, shipping, examination and retesting.

(G) Nothing contained in the foregoing provisions of this clause, and no action of the Government in accordance herewith, shall in any way prejudice the right of the Government under the clause of this contract entitled Default.

## 4.14 . Mandatory Inspection Requirements:

100% Procurement Contracting Officer (PCO) mandatory inspection is required and shall be accomplished at source under the surveillance and final approval of the cognizant DCMAO Quality Assurance Representative (QAR).

During production, mandatory inspection is required to be accomplished by the contractor as follows:

- A. Level of Inspection (LOI).
  - 1. Critical characteristics: 100% inspection shall apply.
  - 2. Major and Minor characteristics: LOI shall be in accordance with a                      sampling plan acceptable to the QAR.
- B. Critical characteristics:  
<NONE>
- C. Major and Minor characteristics
  - 1. Shall be defined by the contractor subject to QAR concurrence,                      unless defined on applicable drawings and associated specifications.

## 4.15 . Quality/Inspection Requirements

The following quality/inspection requirements apply:  
MIL-I-45208A and paragraphs 3.1-3.5, 5.1-5.2, 6.1-6.2 of MIL-Q-9858.

## 4.16 ALTERNATE OFFERS - WAIVER OF FIRST ARTICLE APPROVAL REQUIREMENTS

(The following provisions supersede any waiver of First Article Approval Requirements terms set forth in clause 52.209-4)

(I) The Naval Inventory Control Point reserves the right to waive the First Article Approval Requirements specified herein for offerors who have previously furnished IDENTICAL production articles accepted by the Government or the Original Equipment Manufacturer/Prime Manufacturer. An offeror requesting waiver of First Article Approval Requirements shall submit evidence with its offer establishing that:

- (a) the last production unit was delivered within three (3) years of the issue date of this solicitation AND
- (b) the production location to be used for this requirement is the same as used for the previous production run.

Additionally, the offeror shall submit a CERTIFICATION, to be executed by the officer or employee responsible for the offer, stating that:

- (a) the articles to be provided will be produced using the same facilities, processes, sequence of operations and approved subcontractors as those previously delivered and accepted by the Government or the Original Equipment Manufacturer/Prime Manufacturer, AND
- (b) the previous production units were manufactured without Material Review Board disposition or waiver/deviation request or rejection of pre-production samples for cause.

(NOTE: This certification concerns a matter within the jurisdiction of an agency of the United States and the making of a false, fictitious, or fraudulent certification may render the maker subject to prosecution under Title 18, United States Code, Section 1001.)

(II) Offerors requesting waiver of First Article Approval Requirements under the provisions of this clause are cautioned to submit two prices for articles required herein - one that is based on compliance with the First Article Approval Requirements AND one that is based on a waiver of such requirements. Where an offeror submits only one price and fails to clearly state that the price is based on waiver of the First Article Approval Requirements, it will be deemed to be based on compliance with the First Article Approval Requirements.

(III) In the event waiver of the First Article Approval Requirements is granted, the delivery schedule for the

production items shall be reduced by the number of days designated for delivery of First Article Test unit plus the number of calendar days indicated for the government notification of conditional approval or approval. These requirements are specified in the quality assurance section of this solicitation. If the offeror is unable to meet the desired schedule, he shall insert below the alternate delivery schedule he offers to the government.

Offeror's Proposed Alternate Delivery Schedule  
(Based on waiver of First Article Approval Requirements)

Within Days:  
Item No. \_\_\_\_\_ Quantity \_\_\_\_\_ After Date of Contract \_\_\_\_\_

#### 4.17 ALTERNATE OFFERS - WAIVER OF PRODUCTION LOT TESTING APPROVAL REQUIREMENTS

(I) The Naval Inventory Control Point reserves the right to waive the Production Lot Testing Approval Requirements specified herein for offerors who have previously furnished IDENTICAL production articles accepted by the Government or the Original Equipment Manufacturer/Prime Manufacturer. An offeror requesting waiver of Production Lot Testing Approval Requirements shall submit EVIDENCE with its offer establishing that:

- (a) the last production unit was delivered within three (3) years of the issue date of this solicitation AND
- (b) the production location to be used for this requirement is the same as used for the previous production run.

Additionally, the offeror shall submit a CERTIFICATION, to be executed by the officer or employee responsible for the offer, stating that:

(a) the articles to be provided will be produced using the same facilities, processes, sequence of operations and approved subcontractors as those previously delivered and accepted by the Government or the Original Equipment Manufacturer/Prime Manufacturer, AND

(b) the previous production units were manufactured without Material Review Board disposition or waiver/deviation request or rejection of pre-production samples for cause.

(NOTE: This certification concerns a matter within the jurisdiction of an agency of the United States and the making of a false, fictitious, or fraudulent certification may render the maker subject to prosecution under Title 18, United States Code, Section 1001.)

(II) In the event waiver of the Production Lot Testing Approval Requirements is granted, the delivery schedule for the production units shall be one hundred and sixty-five (165) days earlier than that which is desired had the waiver not been granted. If the offeror is unable to meet the desired schedule, he shall insert below the alternate delivery schedule he offers the government.

Offeror's Alternate Proposed Delivery Schedule  
(Based on waiver of Production Lot Testing Approval Requirements)

Within Days:  
Item No. \_\_\_\_\_ Quantity \_\_\_\_\_ After Date of Contract \_\_\_\_\_

#### 5. PACKAGING- MIL-STD 2073 PACKAGING APPLIES AS FOUND ELSEWHERE IN THE SCHEDULE

#### 6. NOTES - NOT APPLICABLE